BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

NEGOTIATED SCHEDULE - B

Upgradation of Musicial Fountain and Other Developmental works in Kempegowda Park In Ward No.04 of Yelahanaka Satelite Town Sub Division

SNo	Quantity	Item Name	Unit	Negotiated Rates quoted by Sri. Vinay Kumar M (VINAY ENTERPRISES)	
				In figures	In words
1	1.00	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top.....mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc., (excluding foundation) as per drawing appended.7 meters - Top 70mm and bottom 130mm dia	Nos	11473.88	Rupees Eleven Thousand Four Hundred Seventy Three And Paise Eighty Eight Only
2	29.00	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility	Nos	18475.38	Rupees Eighteen Thousand Four Hundred Seventy Five And Paise Thirty Eight Only
3	57.00	Erection of steel supports 7.5 to 8.0 mtr long steel supports (18.75 kgs./41Lbs) Rail, 125x75 mm, I beam in pit of 1.5 mtr depth (Releasing of steel supports=90% of erction Charges Rs 298x90%=268.20)	Nos	281.23	Rupees Two Hundred Eighty One And Paise Twenty Three Only
4	57.00	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. (Releasing of LED Lights=90% of erction Charges Rs 175x90%=157.50)	Nos	165.03	Rupees One Hundred Sixty Five And Paise Three Only
5	250.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990.3C X 2.5Sq.mm	Mtrs	102.53	Rupees One Hundred Two And Paise Fifty Three Only
6	1400.00	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 2C X 1.5Sq.mm	Mtrs	41.99	Rupees Forty One And Paise Ninety Nine Only

Contractor

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				In figures	In words
7	150.00	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 3C X 1.5Sq.mm	Mtrs	57.61	Rupees Fifty Seven And Paise Sixty One Only
8	1700.00	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 4C X 1.5Sq.mm	Mtrs	68.36	Rupees Sixty Eight And Paise Thirty Six Only
9	2000.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtrs	157.22	Rupees One Hundred Fifty Seven And Paise Twenty Two Only
10	100.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 50 sqmm	Mtrs	315.41	Rupees Three Hundred Fifteen And Paise Forty One Only
11	2000.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.6 sqmm to 16 sqmm	Mtrs	12.69	Rupees Twelve And Paise Sixty Nine Only
12	100.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.25 sqmm to 75 sqmm	Mtrs	16.60	Rupees Sixteen And Paise Sixty Only
13	1800.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary)	Mtrs	80.07	Rupees Eighty And Paise Seven Only
14	2.00	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics)100Amps 25kA.	Nos	4755.56	Rupees Four Thousand Seven Hundred Fifty Five And Paise Fifty Six Only
15	60000.00	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG	Sqcm	0.36	Rupees And Paise Thirty Six Only
16	21.00	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron., and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm	Mtrs	267.56	Rupees Two Hundred Sixty Seven And Paise Fifty Six Only
17	75.00	Providing RCC pole pedestal of size 0.3x0.3x1.25 as per data rate enclosed	Unit	3149.21	Rupees Three Thousand One Hundred Forty Nine And Paise Twenty One Only

Contractor

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				In figures	In words
18	50.00	13.66 KSRB13-8.1 : Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 /13.9 for internal water supply connection KSRB 13-8.5 - do - 50 mm dia	Mtrs	274.40	Rupees Two Hundred Seventy Four And Paise Forty Only
19	100.00	13.66 KSRB13-8.1 : Providing and fixing to wall, ceiling and floor, medium m 90.00 density polyethylene pipes 6.00 kgs/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 /13.9 for internal water supply connection KSRB 13-8.9 : -do- 110mm	Mtrs	472.63	Rupees Four Hundred Seventy Two And Paise Sixty Three Only
20	18.00	Tipper -5cum	Hr	212.88	Rupees Two Hundred Twelve And Paise Eighty Eight Only
21	50.00	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 80x120mm with 3 MM thickness, with attached bent Square curvature at the top with Two nos of Light, Blue colour Strip Light should be conduted along the Pole and Square light on liner side, Grey Colour Powder Coated, strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height.as per the Drawing enclosed . Model name & Make :Square super , Emerald Lighting Solutions or any equalent	Nos	35388.36	Rupees Thirty Five Thousand Three Hundred Eighty Eight And Paise Thirty Six Only
22	25.00	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 80x120mm with 3 MM thickness, with same dimention attached bent at 45 deg Bracket and Diamond Shaped Curvature suspended from the Bracket, Blue colour Strip Light should be conduted along the Pole, bracket and Diomend Shape on linear side, Grey Colour Powder Coated, strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height.as per the Drawing enclosed. Model name & Make :Diamond Cargo , Emerald Lighting Solutions or any equalent	Nos	45500.02	Rupees Forty Five Thousand Five Hundred And Paise Two Only
23	1.00	Fabrication, Supplying, erection, Integration, testing and commissioning of CENTRE JET ,it should be 20mm orifice with a jet height of 7 Mtrs high & stable jet made of brass	Nos	21257.43	Rupees Twenty One Thousand Two Hundred Fifty Seven And Paise Forty Three Only
24	2.00	Fabrication, Supplying, erection, Integration, testing and commissioning of SWIVEL LINE a dynamic pattern, each with 18 numbers brass nozzles To & Fro movement on either side with the help of electro-mechanical actuator.	Nos	71211.26	Rupees Seventy One Thousand Two Hundred Eleven And Paise Twenty Six Only
25	1.00	Fabrication, Supplying, erection, Integration, testing and commissioning of BASKET PATTERN- Consists of 1.1 Mtr Dia Alluminium ring having 18 Nos10 MM Polymer nozzles, With Jet Height of 4 Mtrs	Set	47124.91	Rupees Forty Seven Thousand One Hundred Twenty Four And Paise Ninety One Only

Contractor

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				In figures	In words
26	1.00	Fabrication, Supplying, erection, Integration, testing and commissioning of TWO TIER WEDDING CAKE-Consists of two nos alluminium rings of dia 1.1 Mtrs and 1.5 Mtrs, with total 72 Nos brass nozzle to form two tier effect	set	109204.92	Rupees One Lakh(s) Nine Thousand Two Hundred Four And Paise Ninety Two Only
27	4.00	Fabrication, Supplying, erection, Integration, testing and commissioning of MESH RING with 600 mm dia, Each with 20 nos 3 mm ball joint brass,which can be fine tuned to give the formation of 'Mesh Ring'. With a jet height of 2 Mtrs	Nos	31294.87	Rupees Thirty One Thousand Two Hundred Ninety Four And Paise Eighty Seven Only
28	4.00	Fabrication, Supplying, erection, Integration, testing and commissioning of AUXILIARY STRAIGHT JET- Consists of 10mm orificenoryl construction With a jet height of 5 Mtrs	Nos	4606.15	Rupees Four Thousand Six Hundred Six And Paise Fifteen Only
29	4.00	Fabrication, Supplying, erection, Integration, testing and commissioning of DANCING PEACOCK— This is a revolving pattern consisting of 20mm brass jet having 13 outlets. This brass jet revolves to create a 'Dancing Peacock' effect.	Nos	18895.28	Rupees Eighteen Thousand Eight Hundred Ninety Five And Paise Twenty Eight Only
30	2.00	Fabrication, Supplying, erection, Integration, testing and commissioning of SMALL DOME –Each Small dome 750mm dia Alluminium ring Consists of 20no brass ball joint nozzle With a jet height of 2 Mtrs	Nos	34051.53	Rupees Thirty Four Thousand Fifty One And Paise Fifty Three Only
31	2.00	Fabrication, Supplying, erection, Integration, testing and commissioning of OUT SIDE DROP RING –Consisting of 900mm dia Alluminium ring with 24 no brass ball joint nozzle With a jet height of 1.5 Mtrs	Nos	39633.21	Rupees Thirty Nine Thousand Six Hundred Thirty Three And Paise Twenty One Only
32	2.00	Fabrication, Supplying, erection, Integration, testing and commissioning of DANCING FOUNTAIN- with jet height of 2 Mtrs	Nos	23619.58	Rupees Twenty Three Thousand Six Hundred Nineteen And Paise Fifty Eight Only
33	4.00	Fabrication, Supplying, erection, Integration, testing and commissioning of MIST COLUMN-Each Mist column consists 19 no of mist nozzles mounted on an aluminium header.	Sets	29170.01	Rupees Twenty Nine Thousand One Hundred Seventy And Paise One Only
34	4.00	Fabrication, Supplying, erection, Integration, testing and commissioning of ARCH JET-Consists 12.7 mm brass nozzle With a jet height of 4 Mtrs	Nos	14171.94	Rupees Fourteen Thousand One Hundred Seventy One And Paise Ninety Four Only
35	30.00	Fabrication, Supplying, erection, Integration, testing and commissioning of Aluminium supporting frame for water effects with 100 x 50 mm alu channe	Mtrs	5077.80	Rupees Five Thousand Seventy Seven And Paise Eighty Only
36	21.00	Supplying, erection, Integration, testing and commissioning of Solenoid valves Made out of SS construction	Nos	21257.43	Rupees Twenty One Thousand Two Hundred Fifty Seven And Paise Forty Three Only
37	56.00	Supplying, erection, Integration, testing and commissioning of Gate valves:GM gate valve (40 mm, 32 mm & 25 mm) (Make: HM/Vijay)	Nos	6377.52	Rupees Six Thousand Three Hundred Seventy Seven And Paise Fifty Two Only

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38	2.00	Supplying, erection, Integration, testing and commissioning of CI check valve, 100 mm, wafer type. (Make: Leader / Zoloto / L&T)	Nos	17812.34	Rupees Seventeen Thousand Eight Hundred Twelve And Paise Thirty Four Only
39	2.00	Supplying, erection, Integration, testing and commissioning of Mono submersib,e pump with Suction strainer with SS mesh 10 HP, 3 Phase, Make: Kirloskar / KSB	Nos	153996.98	Rupees One Lakh(s) Fifty Three Thousand Nine Hundred Ninety Six And Paise Ninety Eight Only
40	1.00	Fabrication,Supplying, erection, Integration, testing and commissioning of GI Sump cover of size 70" x 32" with SS mesh	No	13226.69	Rupees Thirteen Thousand Two Hundred Twenty Six And Paise Sixty Nine Only
41	2.00	Fabrication,Supplying, erection, Integration, testing and commissioning of Fabrication,Supplying, erection, Integration, testing and commissioning of GI manifold, 100 NB x 2 m long, with supporting stands	Nos	6259.37	Rupees Six Thousand Two Hundred Fifty Nine And Paise Thirty Six Only
42	2.00	Fabrication,Supplying, erection, Integration, testing and commissioning of GI feeder pipe (Jindal / Utkarsh), 6 m long, connecting the pumps & manifold	Nos	17997.87	Rupees Seventeen Thousand Nine Hundred Ninety Seven And Paise Eighty Seven Only
43	1.00	Fabrication,Supplying, erection, Integration, testing and commissioning of GI feeder pipe (Jindal / Utkarsh) connecting the manifold and water effects	Set	177497.43	Rupees One Lakh(s) Seventy Seven Thousand Four Hundred Ninety Seven And Paise Forty Three
44	1.00	Fabrication,Supplying, erection, Integration, testing and commissioning of Electromechanical Actuator with splash proof FRP cover and necessary linkages.	No	354883.54	Rupees Three Lakh(s) Fifty Four Thousand Eight Hundred Eighty Three And Paise Fifty Four Only
45	62.00	Supplying, erection, Integration, testing and commissioning of LED lights (RGB), IP 68, 21 Watts 12 volts in polymer construction	No	10628.23	Rupees Ten Thousand Six Hundred Twenty Eight And Paise Twenty Three Only
46	30.00	Supplying, erection, Integration, testing and commissioning of Underwater junction box	No	1936.40	Rupees One Thousand Nine Hundred Thirty Six And Paise Forty Only
47	1.00	Fabrication,Supplying, erection, Integration, testing and commissioning of Electrical panel for pumps	No	389715.29	Rupees Three Lakh(s) Eighty Nine Thousand Seven Hundred Fifteen And Paise Twenty Nine Only
48	1.00	Fabrication,Supplying, erection, Integration, testing and commissioning of Master Control panel for valves & lights	No	555639.24	Rupees Five Lakh(s) Fifty Five Thousand Six Hundred Thirty Nine And Paise Twenty Four Only
49	1.00	Fabrication,Supplying, erection, Integration, testing and commissioning of Programmed Controller and FFC controller	No	265250.60	Rupees Two Lakh(s) Sixty Five Thousand Two Hundred Fifty And Paise Sixty Only

Contractor

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				In figures	In words
50	8.00	Supplying, erection, Integration, testing and commissioning of Speaker 200 watt (Ahuja)	Nos	37790.55	Rupees Thirty Seven Thousand Seven Hundred Ninety And Paise Fifty Five Only
51	2.00	Supplying, erection, Integration, testing and commissioning of Amplifier 500 watt (Ahuja)	Nos	90342.85	Rupees Ninety Thousand Three Hundred Forty Two And Paise Eighty Five Only
52	1.00	Supplying, erection, Integration, testing and commissioning of DVD Player	No	14525.44	Rupees Fourteen Thousand Five Hundred Twenty Five And Paise Forty Four Only
53	1.00	pre selected songs of our choice programming with fountain effects 60 Minits	Set	212572.33	Rupees Two Lakh(s) Twelve Thousand Five Hundred Seventy Two And Paise Thirty Three Only
54	2.00	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure.7) Transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	Nos	54061.97	Rupees Fifty Four Thousand Sixty One And Paise Ninety Seven Only

Contractor